

Exhibit A

FEB 16 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of)	
)	Before the Examiner
Bruce B. Brandt et al.)	
)	Lisa Nhung Klaus
Serial No. 09/714,367)	
)	Group Art Unit 2832
Filed November 16, 2000)	
)	
MULTI-FUNCTION STALK SWITCH)	May 29, 2002

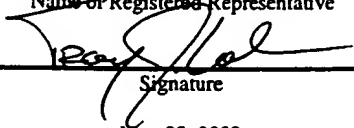
REQUEST FOR EXTENSION OF TIME

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant's attorney requests that the date for responding to the Office Action mailed January 25, 2002 for the above-referenced patent application be extended two months to and including June 25, 2002. The statutory fee for large entity of \$400.00 for this request is enclosed herewith. The U.S. Patent and Trademark Office is authorized to charge any deficiency or apply any overpayment credit to Deposit Account No. 23-3030.

Respectfully submitted

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on	
May 29, 2002	
Date of Deposit	
Troy J. Cole	
Name of Registered Representative	
	
Signature	
May 29, 2002	
Date of Signature	

By:



Troy J. Cole
Reg. No. 35,102
Woodard, Emhardt, Naughton,
Moriarty & McNett
Bank One Center/Tower
111 Monument Circle, Suite 3700
Indianapolis, Indiana 46204-5137
(317) 634-3456

FEB 16 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor patent application of)
) Before the Examiner
 Bruce B. Brandt et al.)
) Lisa Nhung Klaus
 Serial No. 09/714,367)
) Group Art Unit 2832
 Filed November 16, 2000)
)
 MULTI-FUNCTION STALK SWITCH) May 29, 2002

RESPONSE TO FIRST OFFICE ACTION

Commissioner for Patents
 Washington, D.C. 20231

Sir:

In response to the Office Action dated January 25, 2002, please amend the above-identified application as follows:

IN THE DESCRIPTION:

Please replace the paragraph beginning on page 19, line 14, and ending on page 20, line 13, with the following paragraph:

In certain of these alternative embodiments the spring 34A is omitted, the series of female detents 22A is perpendicular to the longitudinal axis 24A of the stalk switch 140 and is radially symmetric about it, and a second spring 340 and a first detent washer

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on

May 29, 2002

Date of Deposit

Troy J. Cole

Name of Registered Representative

Signature

May 29, 2002

Date of Signature

FEB 16 2006

210 are placed inside the first rotary switch module 12A, with the second spring 340 positioned between the first rotary switch module 12A and the first detent washer 210 such that the first detent washer 210 is biased away from the rotary switch module 12A. The first detent washer 210 preferably has a first non-circular outer perimeter 211 shaped to mate with the first rotary switch module 12A, including the male detent 20A, thereby fixing the angular positions of the first detent washer 210 and the first rotary switch module 12A with respect to each other. The first detent washer 210 has a series of small male detents 212 on its distal surface shaped to mate with the series of female detents 22A. When the stalk switch 140 is assembled, the second spring 340 biases the first detent washer 210 and the rotary switch support member 14A together, with the series of small male detents 212 and the series of female detents 22A interfacing, so as to create a counter-torque against any torque applied to the first rotary switch module 12A. The magnitude of the counter-torque is limited by the strength of the second spring 340, and by the shape of the series of small male detents 212 and the series of female detents 22A, so that when sufficient torque is applied to the first rotary switch module 12A, the second spring 340 will compress in order to allow the detents 212 and 22A to slip relative to one another, permitting the first rotary switch module 12A to rotate. When the torque applied is sufficiently reduced, the first rotary switch module 12A will come to rest at one of a finite number of angular positions relative to the rotary switch support member 14A, defined by the series of female detents 22A and the series of small male detents 212.

Please replace the paragraph beginning on page 22, line 13, and ending on page 23, line 2, with the following paragraph:

Figure 16 illustrates certain features of certain alternative embodiments of a stalk switch 140 according to the present invention. In certain alternative embodiments, the pair of magnets 74 and 76 are replaced with a proximal third magnet 774 and a distal third magnet 776, respectively, contained in a pair of plastic plungers 740, having enlarged heads 741, which are positioned in a pair of holes 745 in the rotation assembly 68A, preferably away from its axis of rotation, with their heads 741 contacting the elongated handle stalk 52A. A fourth spring 748 is preferably placed around the body of each of the plungers 740 and between the heads 741 and the rotation assembly 68A, so that the heads 741 are biased away from the rotation assembly 68A. Rotation assembly 68A also contains a fourth magnet 760, preferably positioned far from its axis of rotation and about half-way between the pair of magnets 774 and 776 along the perimeter of the rotation assembly 68A.

IN THE CLAIMS

Please cancel claims 1-25.

Please amend claims 26 and 28 as follows:

26. A multi-function stalk switch comprising:
- a second rotary switch module having a third surface;
 - wherein the rotary switch support member also has a fourth surface;
 - at least one second detent formed on one of said third and fourth surfaces;

a second detent washer shaped to engage said at least one second detent, and having an angular position fixed relative to one of the second rotary switch module and the rotary switch support member;
a second spring positioned to bias said second detent washer against said at least one second detent.

REMARKS

Claims 1-35 are pending in the application. Claims 1-25 have been rejected by the Examiner and claims 26-34 have been objected to. Claim 35 has been allowed. Applicants respectfully traverse each ground of rejection and request reconsideration and further examination of the application under 37 CFR § 1.111. Applicants respond to each ground of rejection and objection as follows.

A. Allowable subject matter.

Applicants would like to thank the Examiner for indicating the allowable subject matter of claims 26-35.

B. The disclosure was objected to because of noted informalities.

It is respectfully submitted that pages 20 and 22 of the specification have been amended in order to cure the informalities noted by the Examiner. It is therefore respectfully submitted that the specification is no longer objectionable.

- C. Claims 1-24 were rejected under 35 U.S.C. § 101 as claiming the same invention as that of claims 1-24 of prior U.S. Patent No. 6,020,563.**

It is respectfully submitted that claims 1-24 have been cancelled herein, therefore their rejection under 35 U.S.C. § 101 is now considered moot.

- D. Claims 1-24 were rejected under 35 U.S.C. § 102(b) as being clearly anticipated by Risk, Jr. et al. (U.S. 6,020,563).**

It is respectfully submitted that claims 1-24 have been cancelled herein, therefore their rejection under 35 U.S.C. § 101 is now considered moot.

- E. Claim 25 was rejected under 35 U.S.C. § 102(b) as being anticipated by Dzung et al. (U.S. 5,153,391).**

It is respectfully submitted that claim 25 has been cancelled herein, therefore its rejection under 35 U.S.C. § 102(b) is now considered moot.

For the foregoing reasons, Applicant respectfully submits that the present application is in condition for allowance, and respectfully requests such action. Should it facilitate allowance of the application, the Examiner is invited to telephone the undersigned attorney.

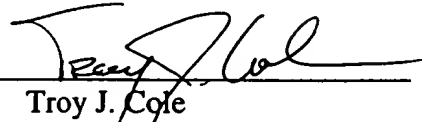
Attached hereto are three pages which present a marked up version of the changes made to this application by the current amendment. This attached page is captioned “VERSION WITH MARKINGS TO SHOW CHANGES MADE.”

A check in the amount of \$110.00 is enclosed for a large entity one-month extension of time. No additional fees are believed to be necessary, however, should any

fees be deemed required, please charge such fees to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted,

By: _____



Troy J. Cole
Reg. No. 85,102
Woodard, Emhardt, Naughton,
Moriarty & McNett
Bank One Center/Tower
111 Monument Circle, Suite 3700
Indianapolis, Indiana 46204-5137
(317) 634-3456

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

The paragraph beginning at page 19, line 14 has been amended as follows:

In certain of these alternative embodiments the spring 34A is omitted, the series of female detents 22A is perpendicular to the longitudinal axis 24A of the stalk switch 140 and is radially symmetric about it, and a second spring 340 and a first detent washer 210 are placed inside the first rotary switch module 12A, with the second spring 340 positioned between the first rotary switch module 12A and the first detent washer 210 such that the first detent washer 210 is biased away from the rotary switch module 12A. The first detent washer 210 preferably has a first non-circular outer perimeter 211 shaped to mate with the first rotary switch module 12A, including the male detent 20A, thereby fixing the angular positions of the first detent washer 210 and the first rotary switch module 12A with respect to each other. The first detent washer 210 has a series of small male detents 212 on its distal surface shaped to mate with the series of female detents 22A. When the stalk switch 140 is assembled, the second spring 340 biases the first detent washer 210 and the rotary switch support member 14A together, with the series of small male detents 212 and the series of female detents 22A interfacing, so as to create a counter-torque against any torque applied to the first rotary switch module 12A. The magnitude of the counter-torque is limited by the strength of the second spring 340, and by the shape of the series of small male detents 212 and the series of female detents 22A, so that when sufficient torque is applied to the first rotary switch module 12A, the second spring [34A] 340 will compress in order to allow the detents 212 and 22A to slip relative to one another, permitting the first rotary switch module 12A to rotate. When the torque

applied is sufficiently reduced, the first rotary switch module 12A will come to rest at one of a finite number of angular positions relative to the rotary switch support member 14A, defined by the series of female detents 22A and the series of small male detents 212.

The paragraph beginning at page 22, line 13 has been amended as follows:

Figure 16 illustrates certain features of certain alternative embodiments of a stalk switch 140 according to the present invention. In certain alternative embodiments, the pair of magnets 74 and 76 are replaced with a proximal third magnet 774 and a distal third magnet 776, respectively, contained in a pair of plastic plungers 740, having enlarged heads 741, which are positioned in a pair of holes 745 in the rotation assembly 68A, preferably away from its axis of rotation, with their heads 741 contacting the elongated handle stalk 52A. A fourth spring 748 is preferably placed around the body of each of the plungers [741] 740 and between the heads 741 and the rotation assembly 68A, so that the heads 741 are biased away from the rotation assembly 68A. Rotation assembly 68A also contains a fourth magnet 760, preferably positioned far from it's axis of rotation and about half-way between the pair of magnets 774 and 776 along the perimeter of the rotation assembly 68A.

In the claims:

Claim 26 has been amended as follows:

26. (Amended) [The] A multi-function stalk switch [of claim 25, further] comprising:

a second rotary switch module having a third surface;

wherein the rotary switch support member also has a fourth surface;
at least one second detent formed on one of said third and fourth surfaces;
a second detent washer shaped to engage said at least one second detent, and
having an angular position fixed relative to one of the second rotary switch module and
the rotary switch support member;
a second spring positioned to bias said second detent washer against said at least
one second detent.